BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

PRE-MEASUREMENT

Name of work: Improvements to Roads and Drains at Kalappa Layout, Subbanna Bedi, Venugopal swamy Temple and Surrounding area in Ward No. 10, (Doddabommasandra), Vidyaranyapura Sub Division.

Estimated Cost : Rs. 70.00 Lakhs

Job Code: 010-20-000033

Head of Account : P-3601

Name of Agency: Sri N.M Shivakumar, # 07, 2nd Block, Juganahalli, Rajajinagara, Bangalore - 10.

Work order No: BBMP/EE/BTP/WO/233/2019-20 Dated: 17-03-2020.

	Date of Recording:						
Sl. No	**Description**	**No.**	**L**	**B**	**D**	**Qty**	**Rate / Unit**
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.						Cum
	RCC Drain						
	Hanuman layout 2nd Main Road N/S	1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	23.00	1.00	1.00	23.00	
	Hanuman layout 2nd Main Road S/S	1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	23.00	1.00	1.00	23.00	
	Kalparuksha Layout	1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	5.70	1.00	1.00	5.70	
		1	15.00	1.00	1.00	15.00	
	Muneshwara layout 3rd Cross E/S	1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	10.00	1.00	1.00	10.00	
	Muneshwara layout 3rd Cross W/S	1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	10.00	1.00	1.00	10.00	
	Muneshwara layout 2nd Main	1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	

Sl. No	Description	No.	L	B	D	Qty	Rate / U
		1	30.00	1.00	1.00	30.00	
		1	15.20	1.00	1.00	15.20	
	Desilting of Drains						
	Muneshwara Layout 1st Main Road	1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	26.90	0.60	0.50	8.07	
	Muneshwara Layout 1st Cross	2	30.00	0.60	0.50	18.00	
		2	30.00	0.60	0.50	18.00	
		2	30.00	0.60	0.50	18.00	
	Kalappa Layout 2nd Cross	2	30.00	0.60	0.50	18.00	
		2	30.00	0.60	0.50	18.00	
		2	30.00	0.60	0.50	18.00	
	Kalappa Layout 3rd Cross	2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	12.15	
	Kalappa Layout 4th Cross	2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	12.15	
	Muneshwara Layout 2nd Main Road	1	30.00	0.45	0.45	6.08	
		1	17.40	0.45	0.45	3.52	
						1035.47	
						1009.26	

Suvetha. NK
Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidayranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

	Description	No.	L	B	D	Qty	Rate / Unit
	Date of Recording: 19/05/2020.						
2	Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.						Cum
	Bottom Concrete						
	Hanuman layout 2nd Main Road N/S	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	23.00	1.00	0.15	3.45	
	Hanuman layout 2nd Main Road S/S	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	23.00	1.00	0.15	3.45	
	Kalparuksha Layout	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	5.70	1.00	0.15	0.86	
		1	15.00	1.00	0.15	2.25	
	Muneshwara layout 3rd Cross E/S	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	10.00	1.00	0.15	1.50	
	Muneshwara layout 3rd Cross W/S	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	10.00	1.00	0.15	1.50	
	Muneshwara layout 2nd Main	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	15.20	1.00	0.15	2.28	
						118.79	
						117.00	

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BBMP, Bangalore - 97

Date of Recording:

Sl. No	Description	No.	L	B	D	Qty	Rate / U
4	Providing **T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - **TMT bars Fe 500**						Tonne
		Nos	L	M	Kg/m	Kgs	
	10 mm	1028	2.20	2261.60	0.62	1402.19	
	8 mm	16	113.00	1808.00	0.39	705.12	
	10 mm	1028	2.20	2261.60	0.62	1402.19	
	8 mm	16	113.00	1808.00	0.39	705.12	
	10 mm	1548	2.20	3405.60	0.62	2111.47	
	8 mm	16	185.70	2971.20	0.39	1158.77	
	10 mm	137	2.20	301.40	0.62	186.87	
	8 mm	16	15.00	240.00	0.39	93.60	
	10 mm	910	2.20	2002.00	0.62	1241.24	
	8 mm	16	100.00	1600.00	0.39	624.00	
	10 mm	910	2.20	2002.00	0.62	1241.24	
	8 mm	16	100.00	1600.00	0.39	624.00	
	10 mm	1628	2.20	3581.60	0.62	2220.59	
	8 mm	16	165.20	2643.20	0.39	1030.85	
						14747.25	
						14.75	

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	Description	No.	L	B	D	Qty	Rate / Unit
	Date of Recording: 3/06/2020						
5	Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **vertical surface such as walls at any thickness**, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.						Sqm
	Side Wall						
	Hanuman layout 2nd Main Road N/S	4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	23.00		0.75	69.00	
	Hanuman layout 2nd Main Road S/S	4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	23.00		0.75	69.00	
	Kalparuksha Layout	4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	5.70		0.75	17.10	
		4	15.00		0.60	36.00	
	Muneshwara layout 3rd Cross E/S	4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	30.00		0.60	72.00	
		4	10.00		0.60	24.00	
	Muneshwara layout 3rd Cross W/S	4	30.00		0.60	72.00	
		4	30.00		0.60	72.00	
		4	30.00		0.60	72.00	
		4	10.00		0.60	24.00	
	Muneshwara layout 2nd Main	4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	30.00		0.75	90.00	
		4	15.20		0.75	45.60	
						2282.70	
						2280.00	

Sumitha. N K
Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division

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